6. Desoutter Inc 24415 Halsted Road Farmington Hills Michigan 48335 USA telephone +1 248 476 5358 facsimile +1 248 476 3819

2DM6 Series

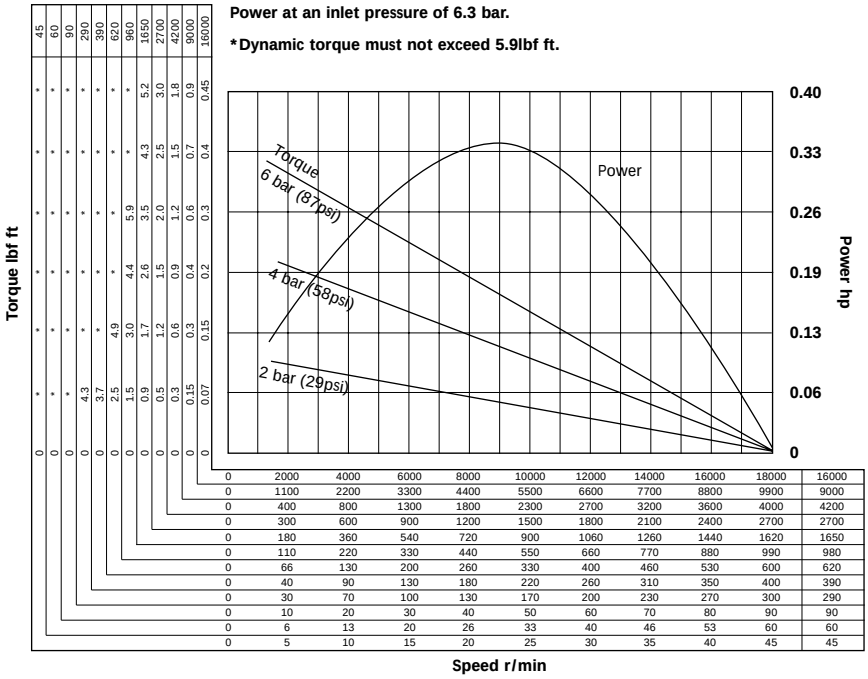
0.35 hp,
Maximum Torque 5.9 lbf ft,
Reversible

MOTOR TYPE	NO LOAD SPEED	MAX. POWER	TORQUE AT[1] MAX. POWER	AIR CONSUMPTION AT MAX. POWER	MIN. HOSE BORE	WEIGHT	SOUND
	r/min.	hp	lbf ft	cfm	ins	lb	dB(A)
2DM6-16000	16000		0.17			1.3	
2DM6-9000	9000		0.30			1.3	
2DM6-4200	4200		0.90			1.3	
2DM6-2700	2700		1.33			1.3	
2DM6-1650	1650		2.21			1.5	
2DM6-980	980	0.35	3.70	19.9	3/8	1.5	73[1]
2DM6-620	620		5.90			1.5	
2DM6-390	390		5.90			1.5	
2DM6-290	290		5.90			1.7	
2DM6-90	90		5.90			1.7	
2DM6-60	60		5.90			1.7	
2DM6-45	45		5.90			1.7	

[1] It is recommended that a suitable air diffuser is fitted downstream of any control valve through which exhaust air exits.

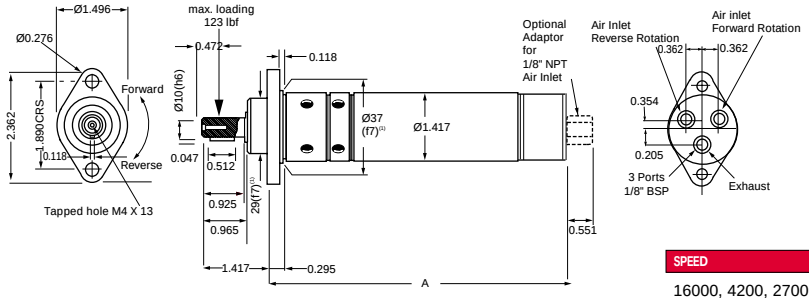
Power at an inlet pressure of 6.3 bar.

***Dynamic torque must not exceed 5.9lbf ft.**



45	60	90	290	390	620	960	1650	2700	4200	9000	16000
*	*	*	*	*	*	*	5.2	3.0	1.8	0.9	0.45
*	*	*	*	*	*	*	4.3	2.5	1.5	0.7	0.4
*	*	*	*	*	*	5.9	3.5	2.0	1.2	0.6	0.3
*	*	*	*	*	*	4.4	2.6	1.5	0.9	0.4	0.2
*	*	*	*	*	4.9	3.0	1.7	1.2	0.6	0.3	0.15
*	*	*	4.3	3.7	2.5	1.5	0.9	0.5	0.3	0.15	0.07
0	0	0	0	0	0	0	0	0	0	0	0
0	2000	4000	6000	8000	10000	12000	14000	16000	18000	16000	
0	1100	2200	3300	4400	5500	6600	7700	8800	9900	9000	
0	400	800	1300	1800	2300	2700	3200	3600	4000	4200	
0	300	600	900	1200	1500	1800	2100	2400	2700	2700	
0	180	360	540	720	900	1060	1260	1440	1620	1650	
0	110	220	330	440	550	660	770	880	990	980	
0	66	130	200	260	330	400	460	530	600	620	
0	40	90	130	180	220	260	310	350	400	390	
0	30	70	100	130	170	200	230	270	300	290	
0	10	20	30	40	50	60	70	80	90	90	
0	6	13	20	26	33	40	46	53	60	60	
0	5	10	15	20	25	30	35	40	45	45	

Note: Exhaust is through common exhaust port and opposite rotation inlet port. Blocking or restricting these ports will reduce the performance of the motor.



SPEED	A
16000, 4200, 2700	5.004
9000	6.319
1650, 980, 620, 390	5.870
290, 90, 60	6.579
45	7.295

[1] Dimensions in mm